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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Outgoing
M/035/0020 0001
TASK 3385

February 16, 2010

Certified Return Receipt
7005 2570 0000 4801 6577

Scott Hughes
Lakeview Rock Products, Inc.
P.O. Box 540700
North Salt Lake, Utah 84054-0700

Subject: Eighth Review of Notice of Intention to Commence Large Mining Operations, Lakeview Rock Products, Inc., Beck Street Quarry, M/035/0020, Salt Lake County, Utah

Dear Mr. Hughes:

The Division has completed a review of your stability analysis for the Notice of Intention to Commence Large Mining Operations for the Beck Street Quarry Mine, which was received December 16, 2009. Before the plan can received final approval, the attached comments and additional comments sent to you June 16, 2009, will need to be adequately addressed.

Please reply to the deficiencies by submitting replacement pages to the plan, and the text should be in redline/strikeout format so we can readily discern the changes.

Please submit your response to this review and to the June 16, 2009, review no later than April 16, 2010.

The Division will suspend further review of the Notice of Intention until your response to this letter is received. If you have any questions in this regard please contact me at 801-538-5261 or Leslie Heppler, at 801-538-5257. Thank you for your cooperation in completing this permitting action.

Sincerely,

Paul B. Baker
Minerals Program Manager

PBB:lah:vs
Attachment: Review
Cc: Wayne.Mills@slcgov.com
O:\M035-SaltLake\M0350020-Lakeview\draft\REV8-3294-02102010a.doc



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**8th REVIEW OF NOTICE OF INTENTION
TO COMMENCE LARGE MINING OPERATIONS**

**Lakeview Rock Products Inc.
Beck Street Quarry**

**M/035/0020
February 16, 2010**

General Comments:

Comm ent #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
1	General	Submittal should be formatted to easily incorporate additional revisions and amendments.	lah	
2	General	This review only addresses the slope stability report submitted December 14, 2009. Additional comments from the Division can be generated in the future based on submittals received in the future.	lah	
3	Page 1, para 3 & Plate A-2	Also included in the stratigraphy of the mine are Quaternary sediments as shown on Plate A-2.	lah	

R647-4-109 - Impact Assessment

109.4 - Slope stability, erosion control, air quality, safety

Comm ent #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
4	Page 1 para 4	Plates D-1 and D-2 are not attached. (Also noted on page 2 para 1.)	lah	
5	General Page 4 para 2	Report is incomplete. The report should contain clear direction for the operator, and should include a recommended slope angle for each of the different geologic units or geomechanical regimes. Most failures in rock are not caused by the rock but by the fracture and the orientation of the fractures to the orientation of the excavated surface. Include the stereonet for fractures analysis. Include in the text a brief discussion on the different modes of fracture failures (i.e. bedding, wedge, topple etc.) as it applies to the rock mechanics at the site and the factor of safety for each case scenario.	lah	
6	Page 3 Table	Include model parameters that are used for each unit modeled on plates B-3 thru B-16.	lah	
7	Omission	Nothing is mentioned about the phreatic surface. If there is no water note in text and on each plate; if there is water include in the text and on each plate.	lah	
8	Page 4 para 1	As written, "...we modeled the slope with a similar lower value...". Please provide the lower number used. Is it the 37 degree phi angle noted in the table on page 3?	lah	

R647-4-110 - Reclamation Plan

110.2 - Roads, highwalls, slopes, drainages, pits, etc., reclaimed

Comm ent #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
9	Page 4 para 1	As written, "...the height of the limestone will decrease...". The mine will need to provide x-sections that will reflect the changing slope angle over time.	lah	

R647-4-112 - Variance (List all variances requested and make a finding if approving.)

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
10	General	The result of the stability report will impact the variance requested	lah	

R647-4-113 - Surety

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
11	General	The results of the stability report will impact the surety required.	lah	